

Message

From: Huang, Judy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D8DE496537C643E687E38D9BF56E88D0-JHUANG02]
Sent: 10/26/2020 3:45:35 PM
To: Chesnutt, John [Chesnutt.John@epa.gov]
Subject: FW: Palos Verde Shelf OU: DDT dumping in San Pedro Basin

Hi John:

FYI.

Dr. Valentine is one of the authors of the UCSB Paper on DDT ocean dumping.

J

From: David Valentine <valentine@ucsb.edu>
Sent: Sunday, October 25, 2020 11:19 PM
To: Tsao, Allen@Wildlife <Allen.Tsao@wildlife.ca.gov>
Cc: Anderson, Michael@Wildlife <Michael.Anderson@wildlife.ca.gov>; Huang, Judy <Huang.Judy@epa.gov>
Subject: Re: Palos Verde Shelf OU: DDT dumping in San Pedro Basin

Hi Allen, Mike, Judy:

I'm following up on this thread from last year with an update. The LA Times published a fairly detailed story today on this topic. It was the actually their lead cover story. The link is here: <https://www.latimes.com/projects/la-coast-ddt-dumping-ground/#nt=1col-7030col1-main>

Cheers,

Dave

On Tue, Aug 20, 2019 at 12:25 PM David Valentine <valentine@ucsb.edu> wrote:

Thank you Allen, much appreciated. We documented our findings in a recent peer-reviewed publication, published earlier this year in Environmental Science and Technology. Below is a direct download for the paper, including the full SI. The paper should be open access, and also downloadable directly from the journal.

Download link: [https://www.dropbox.com/s/640j1nat71p82r8/Kivenson et al 2019 ESnT Compiled.pdf?dl=0](https://www.dropbox.com/s/640j1nat71p82r8/Kivenson_et_al_2019_ESnT_Compiled.pdf?dl=0)

The highest DDT we measured in deep SPB sediment was around 250 micrograms per gram of sediment, but it was exceptionally spotty around the barrels. We have another paper near submission now, focused on the unusual microbial communities surrounding some barrels, and a third paper focused on the growths apparent on some barrels.

Judy: I have talked to a couple folks at EPA about this over the past ~4 years, but not since the paper came out. I'm happy to chat about this if you are interested.

Cheers,

Dave

On Tue, Aug 20, 2019 at 11:30 AM Tsao, Allen@Wildlife <Allen.Tsao@wildlife.ca.gov> wrote:

Hi Dave,

I have only been on Palos Verde Shelf Superfund Site for about a year and half, so I am not familiar w/ the DDT source in the San Pedro Basin. I did ask my predecessor, Bruce Job, and see if he is aware of that. He tells me what you've described is news to him and he does not recall any discussion of DDT (barrel) dumping. He did say that the PVSTIEG group (it's the technical working group comprised of the community group, local, state, and federal entities) had considered the San Pedro Basin as a possible source DDT to white croaker, but he does not recall any discussions of where that DDT came from.

I've copied the US EPA project manager, Judy Huang, on this email. I recommend you contact Judy as she may have knowledge/insight on this issue you brought up.

Sincerely,

Allen

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Allen Tsao

Associate Toxicologist

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From: Anderson, Michael@Wildlife <Michael.Anderson@wildlife.ca.gov>

Sent: Monday, August 19, 2019 8:22 AM

To: David Valentine <valentine@ucsb.edu>

Cc: Tsao, Allen@Wildlife <Allen.Tsao@wildlife.ca.gov>; Duke, Bryand@Wildlife <Bryand.Duke@wildlife.ca.gov>

Subject: RE: DDT and C-BRIDGES

Hi Dave,

Thanks for contacting me and bringing these items up. As far as LA DDT - I'm cc'ing Allen Tsao in my group – he is currently contracted by U.S. EPA to work on oversight of the cleanup of the Palos Verdes Shelf. He might know how to find the information you're looking for through EPA.

Your program related to oil spill research is a good match with our on-going COSSEP. See: <https://www.wildlife.ca.gov/OSPR/Science/SSEP>. I'm cc'ing Bryand Duke, who leads the program, regarding your new center and any input he may have.

Regards,

Mike

From: David Valentine <valentine@ucsb.edu>
Sent: Thursday, August 15, 2019 11:30 AM
To: Anderson, Michael@Wildlife <Michael.Anderson@wildlife.ca.gov>
Subject: DDT and C-BRIDGES

Hi Mike,

I hope all is well. I wanted to email on two fronts.

First, is DDT. I've been working on the issue of DDT dumping in the deep San Pedro Basin and may have even passed along the first of our publications earlier this year (if not, I'm happy to do so). We are now doing a bit more digging, and I'm trying to track down folks who may have knowledge about the offshore (barrel) dumping activities. I had heard that information came out during the Montrose case, but was not pursued. Any leads you might have would be appreciated! There is some media interest brewing too.

Second, I've been working to develop a research center here at UCSB, with one goal to partner with State and Federal agencies for issues of marine petroleum. I've gotten some donor support to get it started, but am looking for creative ways to partner with the state and develop some lines of state support. Any insights are appreciated - you have a good feel for our petroleum-related capabilities and where we could plug in to state research needs. The center is C-

BRIDGES (Center for Biological Resource Innovation Derived from Geochemical Environmental Studies) with a goal to study oily ecosystems and leverage that knowledge into new technologies.

Cheers,

Dave

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